Amendments to the Specification:

Please replace paragraph **[0058]** beginning at page 17, line 30, with the following:

--**[0058]** Total RNA was harvested from JC-1 stained cells that were FACS-sorted for high or low red fluorescence by use of the RNeasy Mini Kit (Qiagen). RNA was quantitated using the RiboGreen RNA Quantitation kit (Molecular Probes), and 2 μg of RNA was used to synthesize complementary DNA(cDNA) using theThermoScript RT-PCR System (Invitrogen) with 50 ng of random hexamer primers. The RT reactions were then subjected to real-time PCR analysis for quantitation of the β-actin signal in each sample. The β-actin primer sequences were: Forward 5'-CCTAAGGCCAACCGTGAAAA[[–]]-3' (SEQ ID NO:1); Reverse 5'-GAGGCATACAGGGACAGCACA-3' (SEQ ID NO:2). All RT reactions were normalized to ~~B-actin~~ β-actin to obtain equivalent ~~B-actin~~ β-actin signals for a given cycle number. Semiquantitative RT-PCR of mdr-1a, mdr-1b, mdr-2, mrp-1, mrp-2, and β-actin transcripts in sorted cell populations was performed by amplification from 1:2 dilutions of the normalized RT reactions using Platinum Taq DNA Polymerase (Invitrogen). Gene-specific primer sequences for mdr-1a, mdr-1b, mdr-2 and mrp-1 murine cDNAs (Zhou *et al.* (2001) *Nat. Med.* 7:1028-1034) are as follows:

mdr-1a: Forward 5'-AGCTGGAGAGATCCTCACC-3'[[,]] (SEQ ID NO:3)

Reverse 5'-CTGTAGCTGTCAATCTCGGG-3' (SEQ ID NO:4)

mdr-1b: Forward 5'-AGCCGGAGAGATCCTCACC-3' (SEQ ID NO:5)

Reverse 5'-CTGTAGCTGTCAATCTCAGG-3' (SEQ ID NO:6)

mdr-2: Forward 5'-AGCTGGAGAGATCCTCACC-3' (SEQ ID NO:7)

Reverse 5'-CTGTAGCTGTCAATCAGAGG-3' (SEQ ID NO:8)

mrp-1 : Forward 5'-GGCGCTGTCTATCGTAAGGC-3' (SEQ ID NO:9)

Reverse 5'-GACCTCCGCTCAATGCTGT-3' (SEQ ID NO:10)

Please replace paragraph **[0059]** beginning at page 18, line 23, with the following:

--**[0059]** Primer sequences for ~~mdr-2~~ mrp-2 are as follows (Yu *et al.* (2002) *Life Sci.* 70: 2535-2545):

Forward 5'-TGCCTGTCCTATAACTCACGGATT-3' (SEQ ID NO:11)

Reverse 5'-AGCAAATGTTATTGTTTGTAGGTCCG-3' (SEQ ID NO:12)

Amplification was performed over 30 cyclesof 94°C for 30 seconds, 60°C for 1 minute, and 72°C for 30 seconds using a Perkin-Elmer Thermocycler. The PCR products were electrophoresed on a 3% NuSieve agarose gel. The gel was stained with ethidium bromide and photographed.--

Please cancel the present "SEQUENCE LISTING", pages 1-5, submitted March 12, 2003 for International Application No. PCT/US03/08259, and insert therefor the accompanying paper copy of the Substitute Sequence Listing, page numbers 1 to 3, at the end of the application.